



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6522A00231-W142AJ-3T

Job Sheet 186645



Part No: RBW6522A00231-W142AJ-3T **Job Qty:** 2 ea

Part Name: Tail Rotor Gear Box/Servo Actuator Oil Seal Fit/Extracting Tool



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/19/18

Job Tracking No:

Due Date: 1/10/19

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RBW6522A00231-W142AJ-3T Rev 5 IPP Rev A 18.02.08 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
92	Purchasing	2 pcs	1/10/19	1/10/19	0.00	0.00	Purchasing		DEC 28 2018
94	Packaging	2 pcs	1/10/19	1/10/19	0.00	0.00	Packaging2		DEC 28 2018
96	QC	2 pcs	1/10/19	1/10/19	0.00	0.00	QC6		DEC 28 2018 68
110	QC	2 pcs	1/10/19	1/10/19	0.00	0.00	QC5		9-89
140	QC21-FG	2 Ea	1/10/19	1/10/19	0.00	0.00	QC21		DEC 31 2018

Part Op 92 - 1- Issue P/O to Arrow Tech Machine Works P/O# 041773 2- Manufacture RBW6522A00231-W142AJ-3T
Descriptions: as per DWG 3- Certificate of conformity is required

NOV 19. 2018 x 2 Rln

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW6522A00231-W142AJ-3TP	Tail Rotor Gear Box/Servo Actuator Oil Seal Fit/Extracting Tool	2 Ea (1 ea) 92-	Purchasing	5140705

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
92-Purchasing	RBW6522A00231-W142AJ-3TP	2	0	0

Part Specifications

Specifications could not be found.

Plex 11/19/18 2:46 PM dart.lacelle.linda



Container No: S140705



Part: RBW6522A00231-W142AJ-3T

Job No: 186645

Serial No/Batch: S140705

Revision: 5

Inspector:

Exp Date:

Instructions:

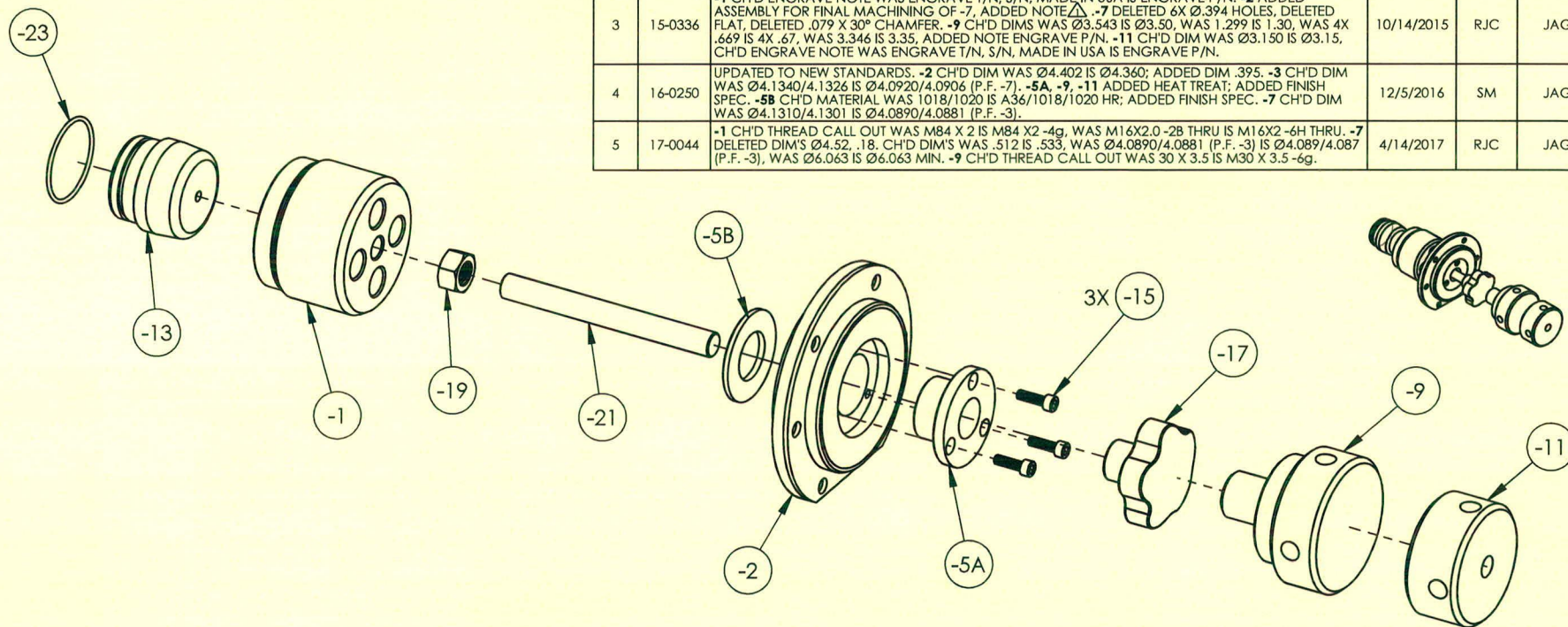
Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 12/20/18

REC 3 3018
REC 3 3018

042
70
08-2

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-1 CH'D DIM WAS M16 X 1 IS M16 X 2, ADDED MISSING DIM B.C. Ø1.929. -5A CH'D DIM WAS Ø2.5215-2.5208 IS Ø2.5185 +.000-.005, WAS Ø1.5764-1.5758 IS Ø1.5730-1.5724. -7 ADDED MISSING HOLE DIM 6X Ø.394 AND CHAMFER .03 X 45°, CH'D DIM WAS Ø6.063 IS (Ø6.063).	9/28/2012	RJC	SE
2	15-0172	-5A CH'D DIM WAS M6 X 1 L .433 T .236 (3X) IS 3X Ø.252 THRU L .43 T .24.	7/17/2015	RJC	JAG
3	15-0336	-1 CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, MADE IN USA IS ENGRAVE P/N. -2 ADDED ASSEMBLY FOR FINAL MACHINING OF -7, ADDED NOTE Δ. -7 DELETED 6X Ø.394 HOLES, DELETED FLAT, DELETED .079 X 30° CHAMFER. -9 CH'D DIMS WAS Ø3.543 IS Ø3.50, WAS 1.299 IS 1.30, WAS 4X .669 IS 4X .67, WAS 3.346 IS 3.35, ADDED NOTE ENGRAVE P/N. -11 CH'D DIM WAS Ø3.150 IS Ø3.15, CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, MADE IN USA IS ENGRAVE P/N.	10/14/2015	RJC	JAG
4	16-0250	UPDATED TO NEW STANDARDS. -2 CH'D DIM WAS Ø4.402 IS Ø4.360; ADDED DIM .395. -3 CH'D DIM WAS Ø4.1340/4.1326 IS Ø4.0920/4.0906 (P.F. -7). -5A, -9, -11 ADDED HEAT TREAT: ADDED FINISH SPEC. -5B CH'D MATERIAL WAS 1018/1020 IS A36/1018/1020 HR; ADDED FINISH SPEC. -7 CH'D DIM WAS Ø4.1310/4.1301 IS Ø4.0890/4.0881 (P.F. -3).	12/5/2016	SM	JAG
5	17-0044	-1 CH'D THREAD CALL OUT WAS M84 X 2 IS M84 X2 -4g, WAS M16X2.0 -2B THRU IS M16X2 -6H THRU. -7 DELETED DIM'S Ø4.52, .18, CH'D DIM'S WAS .512 IS .533, WAS Ø4.0890/4.0881 (P.F. -3) IS Ø4.089/4.087 (P.F. -3), WAS Ø6.063 IS Ø6.063 MIN. -9 CH'D THREAD CALL OUT WAS 30 X 3.5 IS M30 X 3.5 -6g.	4/14/2017	RJC	JAG

NOTES:

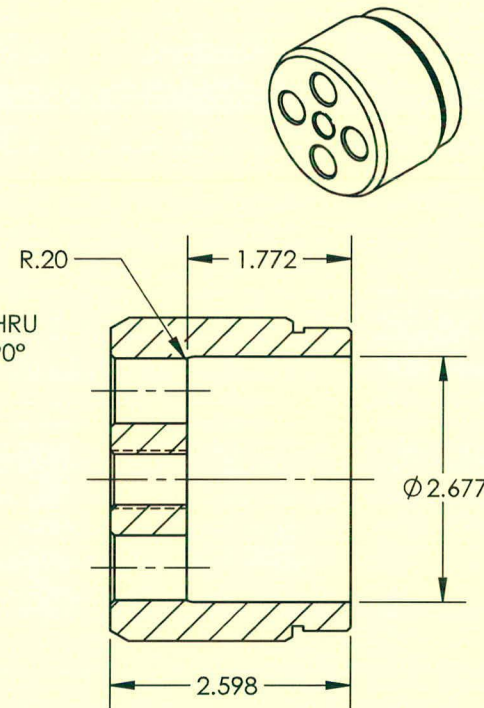
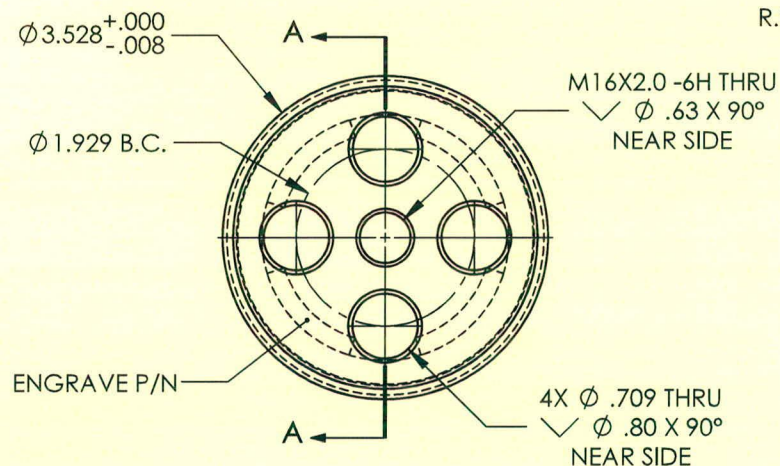
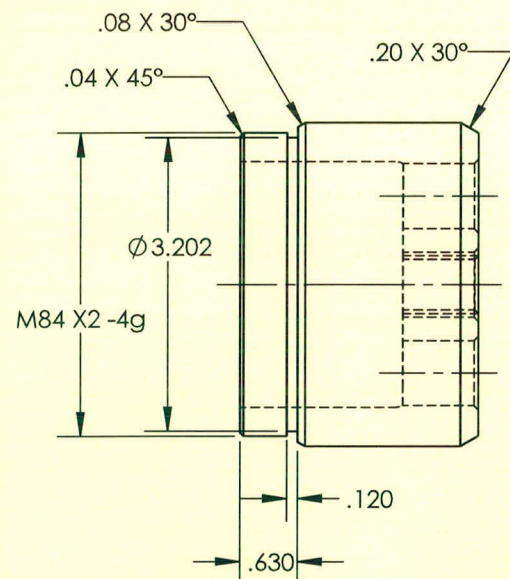
1. RBW6522A00231-W142AJ-3T REPLACES AGUSTA T/N: 3T6522A00231-W142AJ.
2. ALSO IN KIT RBW6505G00231-3T.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RECEIVER	6061		2
	X		-2	1	BASE PLATE ASSEMBLY			3
	1		-3		BASE PLATE	6061		4
			-5A	1	INSERT	4140/4142		5
			-5B	1	COVER	A36/1018/1020 HR		6
	1		-7		PAD	NYLON		7
			-9	1	LARGE KNOB	4140/4142		8
			-11	1	SMALL KNOB	4140/4142		9
			-13	1	CUP	6061		10
		B/O	-15	3	SOCKET HEAD CAP SCREW	STEEL	M6 X 1 X 20mm (MCMaster-CARR #91290A326)	1
		B/O	-17	1	5 LOBE KNOB	CAST IRON	M16 X 2.0 x 28mm J.W. WINCO #16NC81/E	1
		B/O	-19	1	HEX NUT	STEEL	M16X2 CLASS 10 (MCMaster-CARR #90685A120)	1
		B/O	-21	1	STUD	STEEL	M16 X 2 X 150mm (MCMaster-CARR #93275A062)	1
		B/O	-23	1	O-RING	VITON	Ø2.156, Ø.096 CROSS SEC. CHRISTOPHER SEALS #V75-136	1
	ASSY -2							

			
TITLE TGB/SERVO ACTUATOR OIL SEAL FIT/EXTRACTION TOOL			
DWG NO. RBW6522A00231-W142AJ-3T			REV 5
MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125✓	
HEAT TREAT			
FINISH			
SPEC			
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		AW139	
SCALE 1:4	DATE 10/5/2010	SHEET 1 OF 10	

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3	15-0336	-1 CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, MADE IN USA IS ENGRAVE P/N.	10/14/2015	RJC	JAG
5	17-0044	-1 CH'D THREAD CALL OUT WAS M84 X 2 IS M84 X2 -4g, WAS M16X2.0 -2B THRU IS M16X2 -6H THRU.	4/14/2017	RJC	JAG



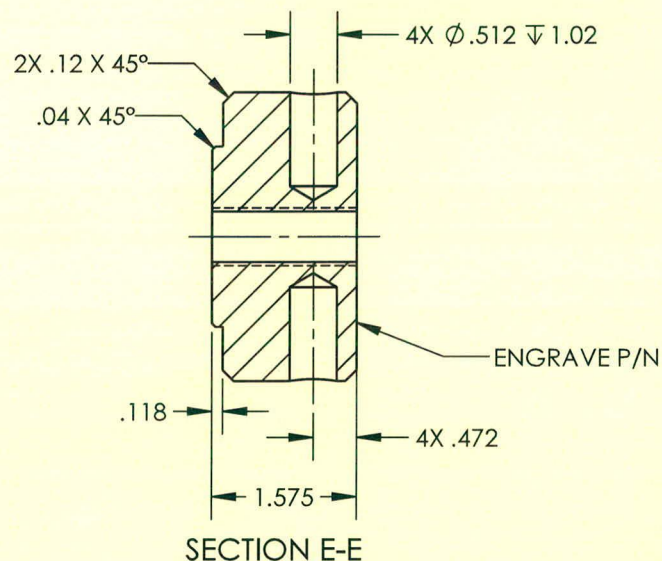
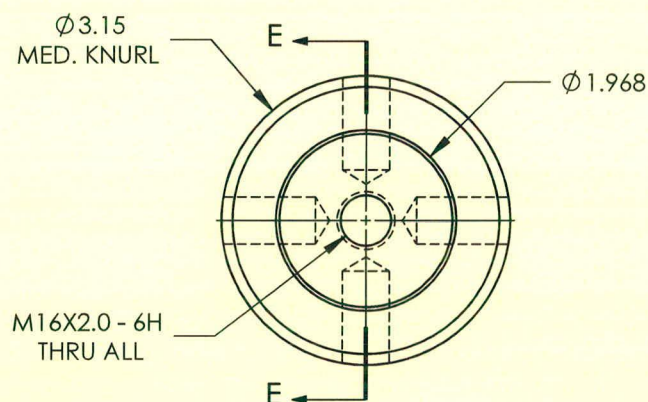
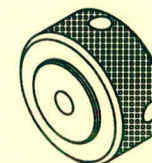
SECTION A-A

(-1)
RECEIVER

DART AEROSPACE	
TITLE TGB/SERVO ACTUATOR OIL SEAL FIT/EXTRACTION TOOL	
DWG NO. RBW6522A00231-W142AJ-3T-1	REV 5
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625, TYPE II, CLASS II	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:8	DATE 10/5/2010
SHEET 2 OF 10	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0336	-11 CH'D DIM WAS Ø3.150 IS Ø3.15, CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, MADE IN USA IS ENGRAVE P/N.	10/14/2015	RJC	JAG
4	16-0250	-11 ADDED HEAT TREAT; ADDED FINISH SPEC.	12/5/2016	SM	JAG



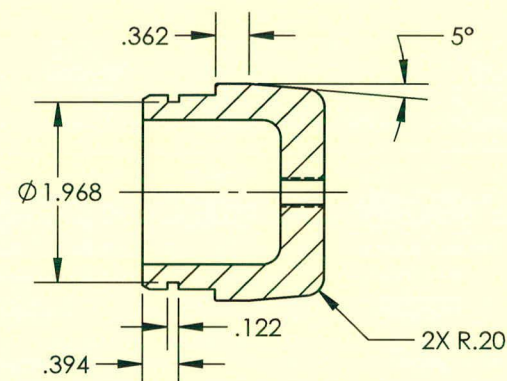
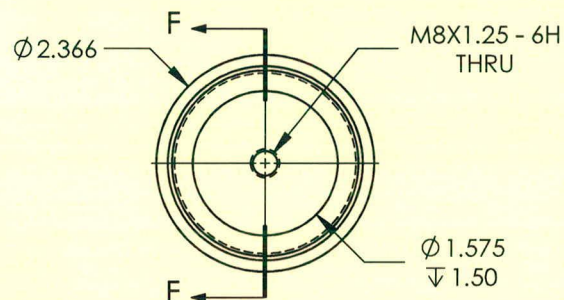
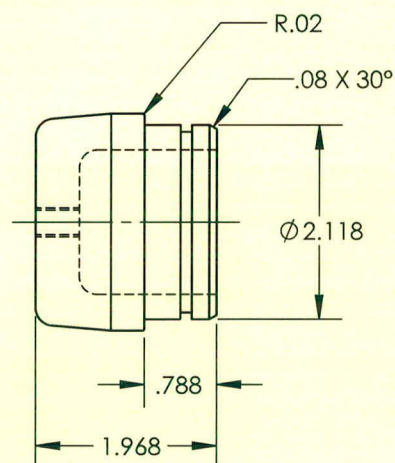
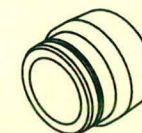
(11)

SMALL KNOB

DART AEROSPACE	
TITLE TGB/SERVO ACTUATOR OIL SEAL FIT/EXTRACTION TOOL	
DWG NO. RBW6522A00231-W142AJ-3T-11	REV 5
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT RC 28-34	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK OXIDE	.XX ± .01 ANGLES ± 5°
SPEC QMSI-6.2.2, B.O. REV D	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:2	DATE 10/5/2010 SHEET 9 OF 10

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REVISIONS				DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION				



SECTION F-F

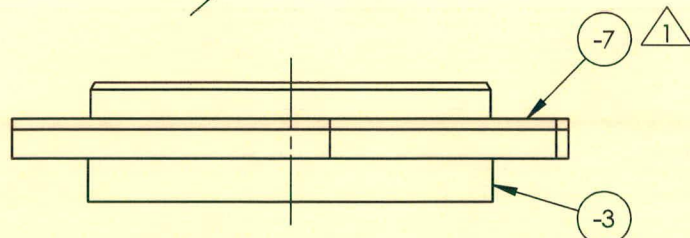
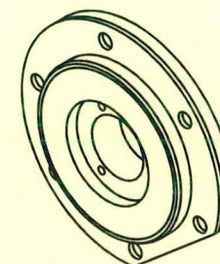
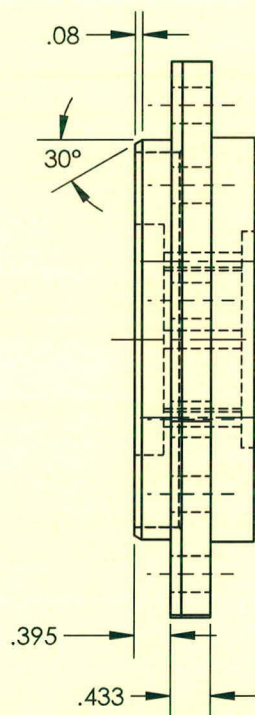
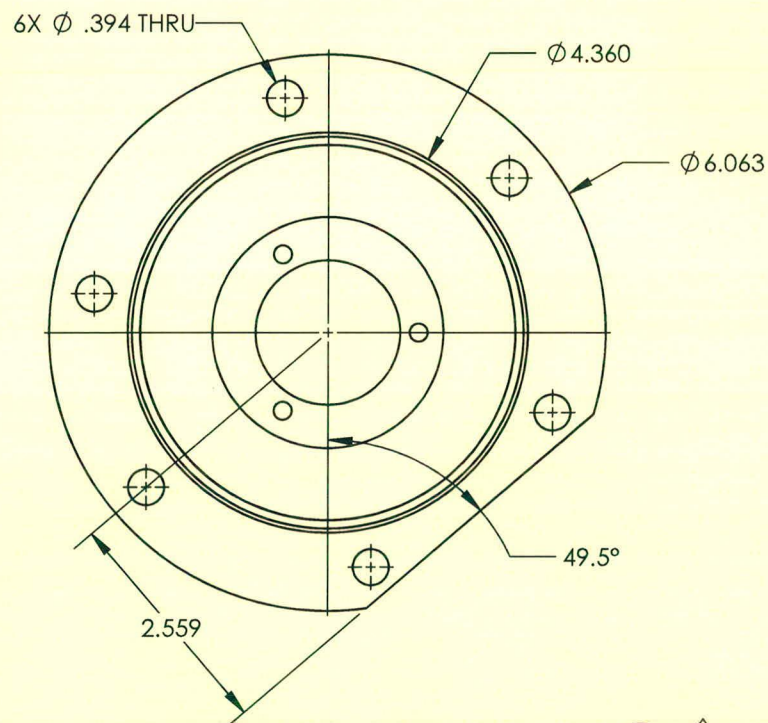
(13)

CUP

DART AEROSPACE	
TITLE TGB/SERVO ACTUATOR OIL SEAL FIT/EXTRACTION TOOL	
DWG NO. RBW6522A00231-W142AJ-3T-13	REV 5
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625, TYPE II, CLASS II	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:2	DATE 10/5/2010 SHEET 10 OF 10

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REVISIONS				DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION				
3	15-0336	-2 ADDED ASSEMBLY FOR FINAL MACHINING OF -7, ADDED NOTE 		10/14/2015	RJC	JAG
4	16-0250	-2 CH'D DIM WAS Ø4.402 IS Ø4.360; ADDED DIM .395.		12/5/2016	SM	JAG



(-2)

BASE PLATE ASSEMBLY

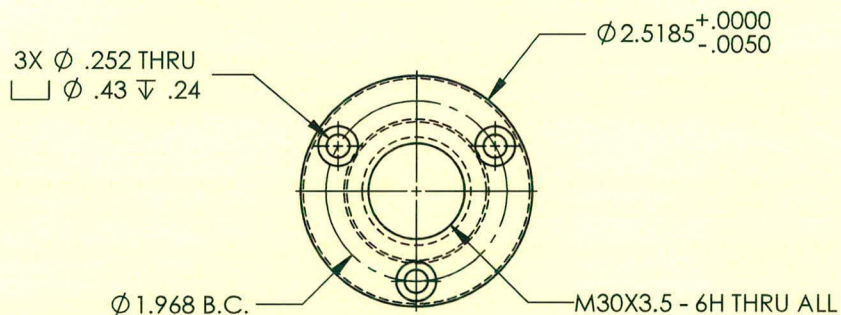
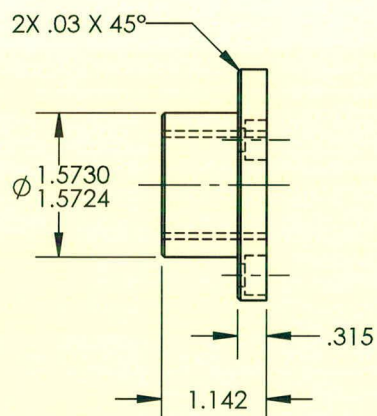
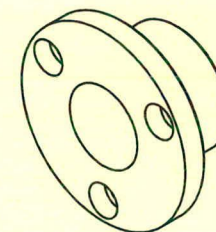
NOTE:

 ASSEMBLE -7 ONTO -3. MACHINE -7 TO FINAL DIMENSIONS AS SHOWN USING -3 AS TEMPLATE.

DART AEROSPACE	
TITLE TGB/SERVO ACTUATOR OIL SEAL FIT/EXTRACTION TOOL	
DWG NO. RBW6522A00231-W142AJ-3T-2	REV 5
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/
SPEC	1. BREAK ALL SHARP EDGES
	.015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY
CHECKED: CLOUGH	AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:2	DATE 10/14/2015 SHEET 3 OF 10

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REVISIONS					
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1		-5A CH'D DIM WAS Ø2.5215-2.5208 IS Ø2.5185 +.0000-.005, WAS Ø1.5764-1.5758 IS Ø1.5730-1.5724.	9/28/2012	RJC	SE
2	15-0172	-5A CH'D DIM WAS M6 X 1 $\square$.433 ∇ .236 (3X) IS 3X Ø.252 THRU $\square$.43 ∇ .24.	7/17/2015	RJC	JAG
4	16-0250	-5A ADDED HEAT TREAT; ADDED FINISH SPEC.	12/5/2016	SM	JAG



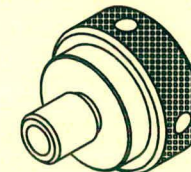
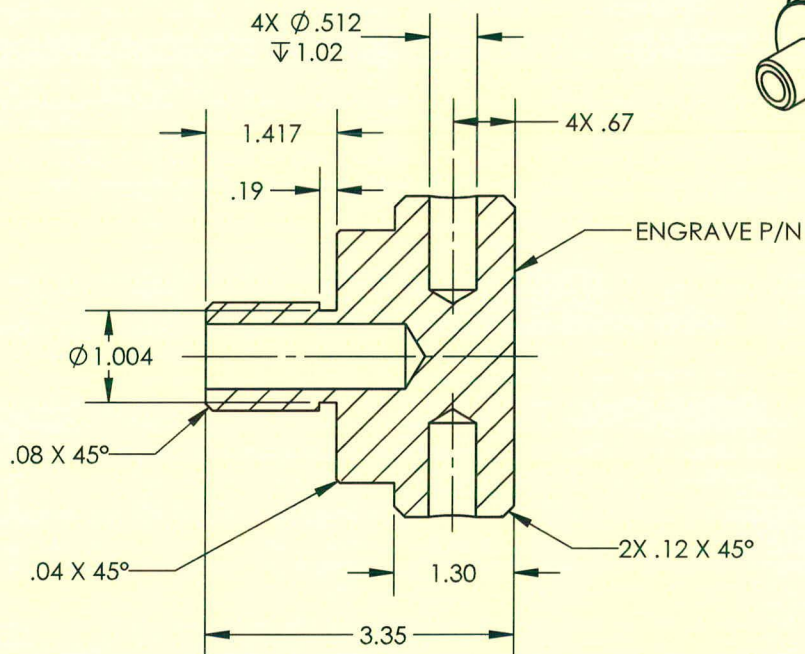
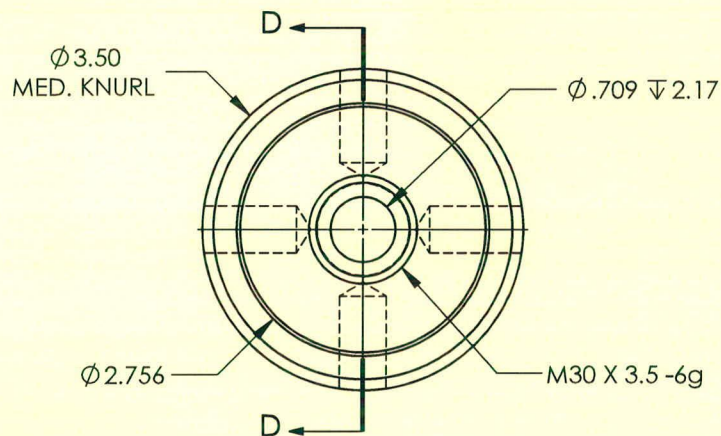
(-5A)

INSERT

DART AEROSPACE	
TITLE TGB/SERVO ACTUATOR OIL SEAL FIT/EXTRACTION TOOL	
DWG NO. RBW6522A00231-W142AJ-3T-5A	REV 5
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT RC 28-34	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK OXIDE	.XX ± .01 ANGLES ± 5°
SPEC QMSI-6.2.2, B.O. REV D	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:2	DATE 10/5/2010 SHEET 5 OF 10

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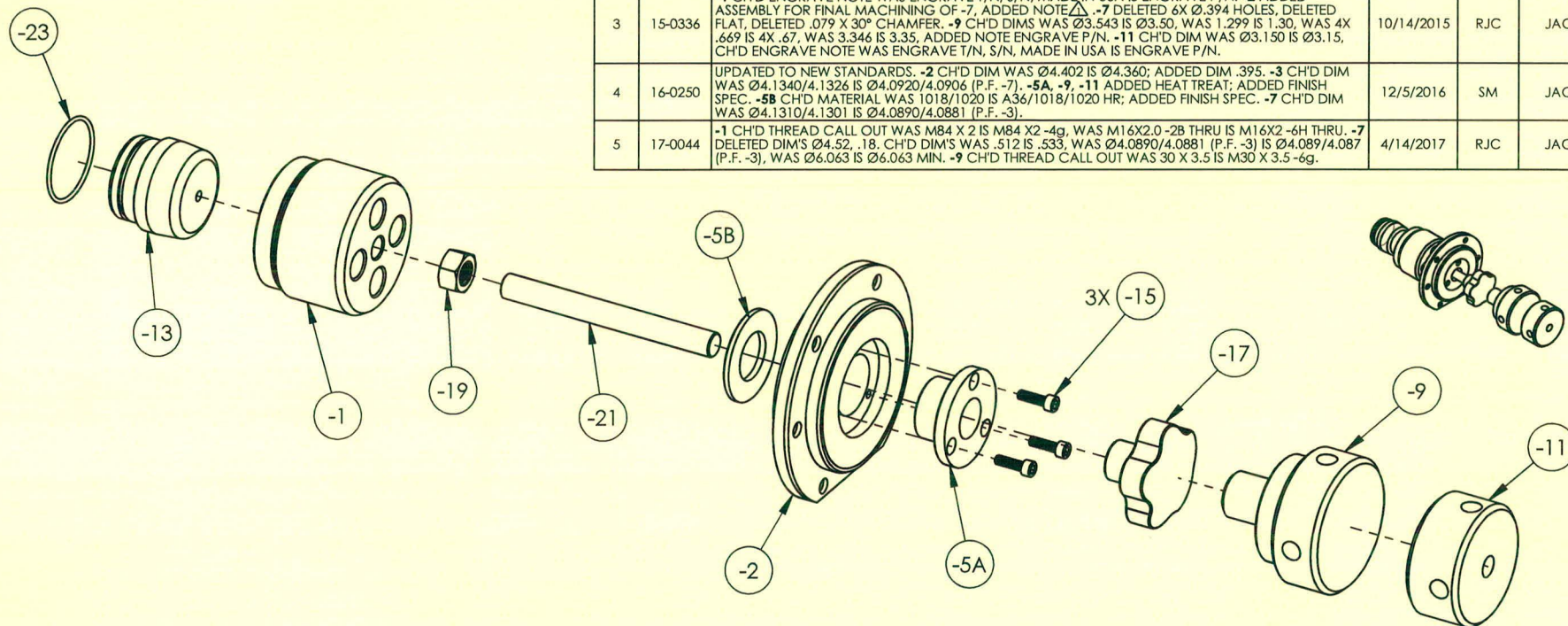


SECTION D-D

⑨
LARGE KNOB

DART AEROSPACE	
TITLE TGB/SERVO ACTUATOR OIL SEAL FIT/EXTRACTION TOOL	
DWG NO. RBW6522A00231-W142AJ-3T-9	REV 5
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT RC 28-34	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK OXIDE	.XX ± .01 ANGLES ± 5°
SPEC QMSI-6.2.2, B.O. REV D	.X ± .1 SURFACES ± 125/
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:2	DATE 10/5/2010
SHEET 8 OF 10	

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2	15-0172	-5A CH'D DIM WAS M6 X 1 L .433 ∇ .236 (3X) IS 3X Ø.252 THRU L .43 ∇ .24.	7/17/2015	RJC	JAG
3	15-0336	-1 CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, MADE IN USA IS ENGRAVE P/N. -2 ADDED ASSEMBLY FOR FINAL MACHINING OF -7, ADDED NOTE ∇ . -7 DELETED 6X Ø.394 HOLES, DELETED FLAT, DELETED .079 X 30° CHAMFER. -9 CH'D DIMS WAS Ø3.543 IS Ø3.50, WAS 1.299 IS 1.30, WAS 4X .669 IS 4X .67, WAS 3.346 IS 3.35, ADDED NOTE ENGRAVE P/N. -11 CH'D DIM WAS Ø3.150 IS Ø3.15, CH'D ENGRAVE NOTE WAS ENGRAVE T/N, S/N, MADE IN USA IS ENGRAVE P/N.	10/14/2015	RJC	JAG
4	16-0250	UPDATED TO NEW STANDARDS. -2 CH'D DIM WAS Ø4.402 IS Ø4.360; ADDED DIM .395. -3 CH'D DIM WAS Ø4.1340/4.1326 IS Ø4.0920/4.0906 (P.F. -7). -5A, -9, -11 ADDED HEAT TREAT: ADDED FINISH SPEC. -5B CH'D MATERIAL WAS 1018/1020 IS A36/1018/1020 HR; ADDED FINISH SPEC. -7 CH'D DIM WAS Ø4.1310/4.1301 IS Ø4.0890/4.0881 (P.F. -3).	12/5/2016	SM	JAG
5	17-0044	-1 CH'D THREAD CALL OUT WAS M84 X 2 IS M84 X 2 -6g, WAS M16X2.0 -2B THRU IS M16X2 -6H THRU. -7 DELETED DIM'S Ø4.52, .18, CH'D DIM'S WAS .512 IS .533, WAS Ø4.0890/4.0881 (P.F. -3) IS Ø4.089/4.087 (P.F. -3), WAS Ø6.063 IS Ø6.063 MIN. -9 CH'D THREAD CALL OUT WAS 30 X 3.5 IS M30 X 3.5 -6g.	4/14/2017	RJC	JAG

NOTES:

1. RBW6522A00231-W142AJ-3T REPLACES AGUSTA T/N: 3T6522A00231-W142AJ.
2. ALSO IN KIT RBW6505G00231-3T.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RECEIVER	6061		2
	X		-2	1	BASE PLATE ASSEMBLY			3
	1		-3		BASE PLATE	6061		4
			-5A	1	INSERT	4140/4142		5
			-5B	1	COVER	A36/1018/1020 HR		6
	1		-7		PAD	NYLON		7
			-9	1	LARGE KNOB	4140/4142		8
			-11	1	SMALL KNOB	4140/4142		9
			-13	1	CUP	6061		10
		B/O	-15	3	SOCKET HEAD CAP SCREW	STEEL	M6 X 1 X 20mm (MCMaster-CARR #91290A326)	1
		B/O	-17	1	5 LOBE KNOB	CAST IRON	M16 X 2.0 x 28mm J.W. WINCO #16NC81/E	1
		B/O	-19	1	HEX NUT	STEEL	M16X2 CLASS 10 (MCMaster-CARR #90685A120)	1
		B/O	-21	1	STUD	STEEL	M16 X 2 X 150mm (MCMaster-CARR #93275A062)	1
		B/O	-23	1	O-RING	VITON	Ø2.156, Ø.096 CROSS SEC. CHRISTOPHER SEALS #V75-136	1
	ASSY -2							

		TITLE	
		TGB/SERVO ACTUATOR OIL SEAL FIT/EXTRACTION TOOL	
DWG NO.		REV	
RBW6522A00231-W142AJ-3T		5	
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
		.XX ± .01 ANGLES ± 5°	
		.X ± .1 SURFACES = 125/✓	
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY: PERRITT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED: CLOUGH		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR: ANDERSON		USED ON MODEL	
QA APPR: LINDSAY		AW139	
APPROVED: GILBERT			
SCALE	1:4	DATE	10/5/2010
		SHEET 1 OF 10	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041773**

Supplier: ARR002-VU
Arrow Tech Machine Works
29751 E. Enid Road,
Unit C
Eugene, OR 97402 USA
Phone: 541-780-6938
Fax: 458-215-4938

PO No: PO041773
PO Date: 11/19/18
Due Date: 12/28/18
Purchase Order
Revision:
Revision Date:

Ship-To Contact: Phone:

Ship To:

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	185819	RBW6522A00231-W142AJ-3TP			Tail Rotor Gear Box/Servo Actuator Oil Seal Fit/Extracting Tool As Per Dwg RBW6522A00231-W142AJ-3T Rev. 5	Firmed	-	12/28/18	1 Ea	0 Ea	1 Ea	\$2,061.26/Ea	\$2,061.26
2	186645	RBW6522A00231-W142AJ-3TP			Tail Rotor Gear Box/Servo Actuator Oil Seal Fit/Extracting Tool As Per Dwg RBW6522A00231-W142AJ-3T Rev. 5	Firmed	-	1/10/19	2 Ea	0 Ea	2 Ea	\$2,061.26/Ea	\$4,122.52
Grand Total:													\$6,183.78

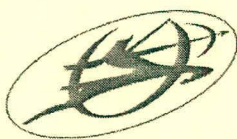
Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

Plex 11/19/18 2:55 PM dart.Lussier.Patrick



**PHGE Machineworks dba
Arrowtech Machineworks**
29751 E Enid Rd. Unit C
Eugene, Oregon 97402
Phone: (541) 780-6938
Fax: (458) 215-4938

Packing Slip

NO. 377

Date: 12/27/2018 ✓
PO Ref: 041773 ✓
Ship via: Fedex Priority

Bill To:
Dart Aerospace
1270 Aberdeen St. Hawkesbury, ON
CANADA K6A 1K7

Ship To:
Dart Aerospace
1271 Aberdeen St. Hawkesbury, ON
CANADA K6A 1K8

Qty

3 ✓

Item

TAIL ROTOR GEAR BOX/SERVO ACTUATOR
OIL SEAL FIT/EXTRACTING TOOL

Part No.

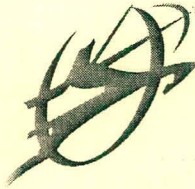
RBW6522A00231-W142AJ-3T ✓

Received by: _____

Packaged by: APV

Checked by: Q.E.

Thank You



ARROW TECH MACHINE WORKS

Certificate of Conformance

Your Purchase Order No: 041773 ✓ Dated: 12/27/2018

Our Order / Job No: 041773-1AWT Order Qty: 3 ✓

Part Name: TGB/Servo Actuator Oil Seal Fit/ Extraction Tool

Part Number: RBW6522A00231-W142AJ-3T ✓

Lot Size: N/A Ship Date: 12/27/2018

We certify that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number: RBW6522A00231-W142AJ-3T Rev: 5

Material Size and Type: -1, 3,-13/6061ALUM.; -5A,-9, 11/4140 STEEL; -5B/1018 STEEL; -7/NYLON

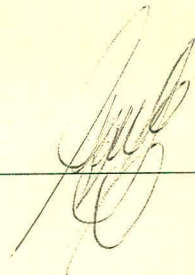
Material Specifications: ALUM: ASTM B221; STEEL: ASTM A108, ASTM A29, NYLON: ASTM D5989

Heat Treatment: N/A

Plating/Finish: BLACK OXIDE: QMSI-6.2.2B.O. REV-D; BLACK ANODIZE: MIL-A-8625F, TYPE II, CLASS I

Mercury Contamination: The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: 12/27/18

Signed: 

DAS
68
9-89

PHGE Machine Works LLC dba Arrow Tech Machine Works
29751 E. Enid Rd. Unit C Eugene, Oregon 97402
Main: (541) 780-6938 | Fax: (458) 215-4938
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